Bacillus Bulgaricus (Lederle)

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LEDERLE LABORATORIES
SANITARY, CHEMICAL AND BACTERIOLOGICAL INVESTIGATIONS,
39-41 WEST 38TH STREET
NEW YORK CITY

CABLE ADDRESS
"LEDLAB"

TELEPHONE
CONNECTION

ADDRESS ALL CORRESPONDENCE TO LEDERLE LABORATORIES

SUBJECT:

Feb. 13th, 1909.

Dr. J. Solis-Cohen,
1824 Chestnut Street,
Philadelphia, Pa.

Dear Doctor:-

Your letter of the 12th calling our attention to the article in the December number of the Laryngoscope, has been duly received.

Under separate cover we are sending you a bottle of the Bacillus Bulgaricus (Lederle) for experimental purposes. The preparation is not now being sold. We would be very glad to have you test it out and to that end we will, for the time being, supply you with such quantity of the material as you may need. All that we ask is that you favor us with a brief report of the cases treated and the results obtained. We wish to assure you that such report or reports will not be used in any way that will not meet with your approval.

We are experimenting now along the lines of determining whether or not it is the living bacteria that brings about the beneficial results noticed by a number of physicians or whether it is some toxin or end product which the bacteria gives off. To that end we are sending you a bottle of the living suspension and a bottle of the filtered product. In this latter, the organisms have been growing for a period of 96 hours and have then been removed by filtering through a Berkfeld filter. We shall be glad if you will observe whether there is any difference in the results obtained from the two bottles.

The reports which we have obtained thus far, indicate that the material has no value unless brought directly into contact with the diseased tissues. This is usually done either by atomizers or syringes.

So far as our knowledge now goes, it would seem best to keep the preparation in the ice box when not in use and inasmuch as the culture is grown on a broth medium, it would seem desirable to keep it as free from possible contaminations as you possibly can. To this end, we would suggest that you pour from the bottle rather than dip anything into the bottle.

The enclosed summary will give you some idea of some of the results thus far obtained. This table was made up a number of months ago and the more recent reports indicate even greater success than those here reported.

We will be glad to replenish this supply as often as you may need it.

Yours very truly,

LEDERLE LABORATORIES.

By F. D. Bell

FDB/HH

Enc.

Bacillus Bulgaricus (Lederle) Rec'd 2/15/09

COPY

LEDERLE LABORATORIES
39-41 W. 38TH STREET
NEW YORK CITY

		Cured	Greatly Improved	Improved	Not Improved	Total
Brt. Forward		24	54	37	23	138
Dental cases	Infected infr. Maxilla	0	1	2	0	3
" "	Infected upper Maxilla	0	1	0	0	1
" "	Infected hard palate	0	1	0	0	1
		24	57	39	23	143

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LEDERLE LABORATORIES
39-41 W. 38TH STREET
NEW YORK CITY

			Cured	Greatly Improved	Improved	Not Improved	Total
Nose	Rhinitis	Acute	1	4	0	0	5
"	"	Suppurative	0	2	0	0	2
"	"	Chronic	1	1	3	0	5
"	"	Hayfever	0	4	9	0	13
"	"	Atrophic	4	18	5	3	30
"	"	Hypertrophic	0	3	6	2	11
"	Ethmoiditis		4	10	6	2	22
"	Sinusitis		8	4	7	8	27
Throat	Tubercular Pharyngitis		0	1	0	0	1
Ear	Otitis media & purulent rhinitis		2	0	0	0	2
"	Otitis media, chronic		0	0	0	1	1
"	Recurrent suppuration after mast. operation		0	0	0	1	1
"	Post-operative after mastoid operation		0	0	0	2	2
"	Suppuration of mucus memb. of middle ear		0	0	0	1	1
Genito-urinary	Conorrhoea, chronic male		1	0	0	0	1
"	Cystitis, chronic- male		0	1	0	0	1
"	Endometritis		1	1	0	0	2
"	Leucorrhea		1	0	1	3	5
Intestinal	Colitis, chronic		0	1	0	0	1
"	Indicanuria		0	1	0	0	1
Surgical	Operation for hernia infected		1	0	0	0	1
"	Tubercular os calcis infected		0	1	0	0	1
"	Osteomyelitis of femur infected		0	1	0	0	1
"	Chronic Empyema		0	1	0	0	1

Bacillus Bulgaricus

FREDERIC D. BELL
SECRETARY & TREASURER

ERNST J. LEDERLE, PH. D.
PRESIDENT

WALTER L. JOHNSON
VICE-PRESIDENT

LEDERLE ANTITOXIN LABORATORIES
MANUFACTURERS OF REFINED AND CONCENTRATED
DIPHTHERIA ANTITOXIN
STABLES AT LEDERLE FARM, NANUET, N. Y.
39-41 WEST 38TH STREET
NEW YORK CITY

CABLE ADDRESS
"LEDLAB"

TELEPHONE
CONNECTION

May 3rd, 1909.

Dr. J. Solis Cohen,
1824 Chestnut Street,
Philadelphia, Pa.

Dear Doctor:-

Your letter of the 30th has been duly received. We should prefer to send you a fresh bottle of the living suspension for use in the case about which you write. This goes forward to you to-day.

It is not quite clear to us whether or not you care to have another bottle of the filtered product, but presuming that you do, we are sending one of that also.

We are pleased to note from your letter that you have had some improvement from the use of the filtered product. Any additional supplies that you may need, we shall be pleased to furnish.

Yours very truly,
LEDERLE ANTITOXIN LABORATORIES.
F. D. Bell
Secretary.

FDB/HH

FREDERIC D. BELL
SECRETARY & TREASURER

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CABLE ADDRESS
"LEDLAB"

TELEPHONE
CONNECTION

May 7, 1909.

J. Solis Cohen, Esq.,
1824 Chestnut Street,
Philadelphia, Pa.

Dear Sir:-

Your letter of the 5th acknowledging receipt of the bottle of the bacillus bulgaricus has been duly received.

Answering your specific question, we would say that so far as we know, it is perfectly safe to use the living suspension of the bacillus bulgaricus for an indefinite length of time. The organisms gradually die off and in time the product becomes absolutely sterile. Some samples which we have recently tested put up in August and September of 1908 gave a feeble growth upon replanting. Another sample put up in October 1908 proved to be sterile.

On the assumption that the living organism is useful in this product, it would probably be not wise to use it over a month or six weeks old. We are not at all certain that the living product is of especial value and that is the reason we sent you the two kinds.

Very truly yours,
LEDERLE ANTITOXIN LABORATORIES.
F. D. Bell
Secretary.

FDB/C.

Bacillus Bulgaricus

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SECRETARY & TREASURER

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June 7th, 1909.

Dr. J. Solis Cohen,
1824 Chestnut Street,
Philadelphia, Pa.

Dear Doctor:-

For the past year we have been furnishing to physicians, without charge, our Culture Bacillus Bulgaricus for the purpose of clinical demonstration. The reports we have received from these physicians justify offering this product to the medical profession. We have accordingly obtained a license from the U. S. Treasury Department for its manufacture and sale, and inasmuch as it is now offered in the regular way by our selling agents, Messrs. Schieffelin and Co., we have decided to discontinue the further distribution of it gratuitously.

We have named the preparation "Massolin." This name has been adopted to distinguish our product, which is a pure culture of the lactic-acid-producing Bacillus Bulgaricus, described by Massol.

There are two packages prepared for the market, one containing two one-fourth ounce bottles and the other six. Under separate cover we are sending you one of the two bottle packages to show you the style in which the Culture will be marketed in future. Should you wish to continue the use of the preparation, Messrs. Schieffelin and Co. will be pleased to arrange an available supply for you if you will write them, or have your druggist do so. The list prices of Massolin are, $1.00 for the two bottle package and $2.50 for the six bottle package.

We trust the results you have obtained from the use of the Cultures we have been furnishing you, have been such as to warrant your continuing to prescribe the product under its new name Massolin.

With kindest regards and thanking you for courtesies extended us, we are,

Very truly yours,
LEDERLE ANTITOXIN LABORATORIES.
H. D. Bell
Secretary.

TJL/HH

Lederle's
Refined and Concentrated Diphtheria Antitoxin

JSL

March 20, 1907.

Dear Doctor:

For the convenience of Philadelphia physicians we are carrying in your city a stock of Lederle's Refined and Concentrated Diphtheria Antitoxin. Your druggist may obtain this product fresh in Philadelphia at short notice.

Permit us briefly to point out the advantages of this Antitoxin:

CONCENTRATION—Lederle's Refined and Concentrated Antitoxin has more than double the strength per cubic centimeter that ordinary antitoxic serum has, the volume of dosage being correspondingly reduced. This advantage you will appreciate, knowing the inconvenience of the massive dose of serum as well as the pain and discomfort to the patient.

PURIFICATION—When refined antitoxin is employed urticarias and constitutional disturbances are less marked. A definite test made at the Willard Parker and Riverside Hospitals under the control of the Department of Health, New York City, is reported by Drs. Park and Throne in the American Journal of the Medical Sciences (November 1906.) The writers state, "The results obtained in the series of 100 cases are so definite that it seems safe to conclude that the removal of a considerable portion of the non-antitoxic globulins as well as the albumins from the serum by the Gibson method has eliminated much of the deleterious matter, so that severe rashes, joint complications, fever and other constitutional disturbances are less likely to occur."

CURATIVE VALUE—The antitoxic effect of a given number of units of refined antitoxin is identical with that of the same number of units in the whole serum. This is of necessity so, since the unit strength of refined antitoxin is determined by the same Government method as employed in determining the strength of antitoxic serum. The curative value of refined antitoxin has been determined clinically as well, more than six thousand (6000) cases of diphtheria having been treated with it in Greater New York alone.

We have therefore in refined antitoxin a dose of one-third the volume, a purer product, with the same curative value of antitoxic serum.

Lederle's antitoxin will be found in stock in the leading drug stores in Philadelphia. We solicit your preference and specification.

Very truly yours

Schieffelin & Co.